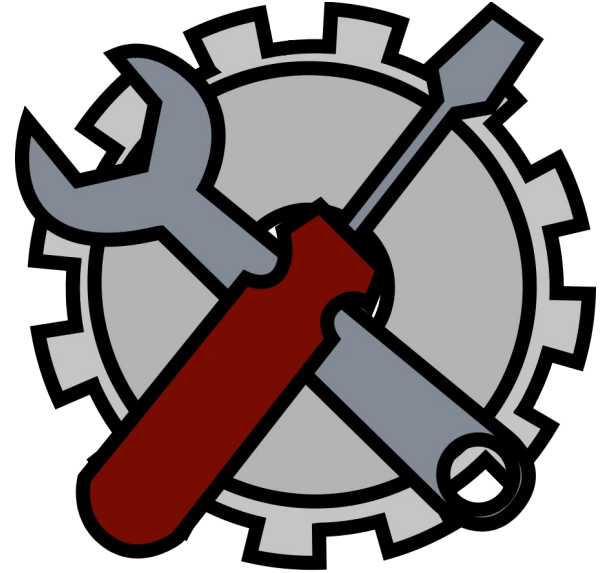

Tools



FeMaidens 2265



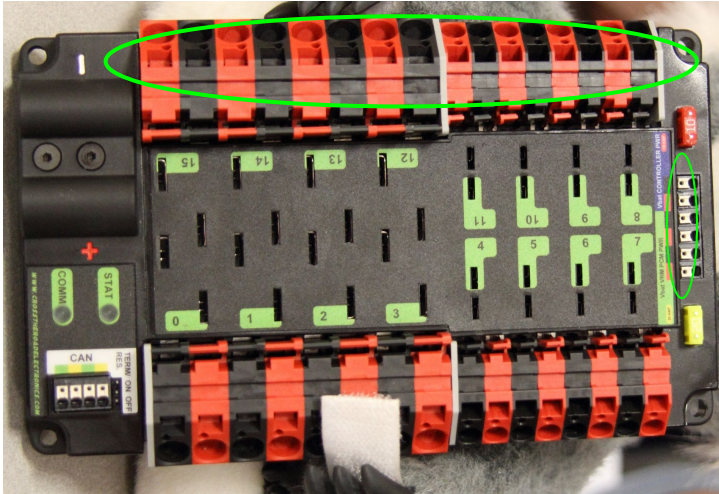
Aim: What are the tools used in electronics?

Do Now: Create a list of tools that could be helpful in wiring the robot.



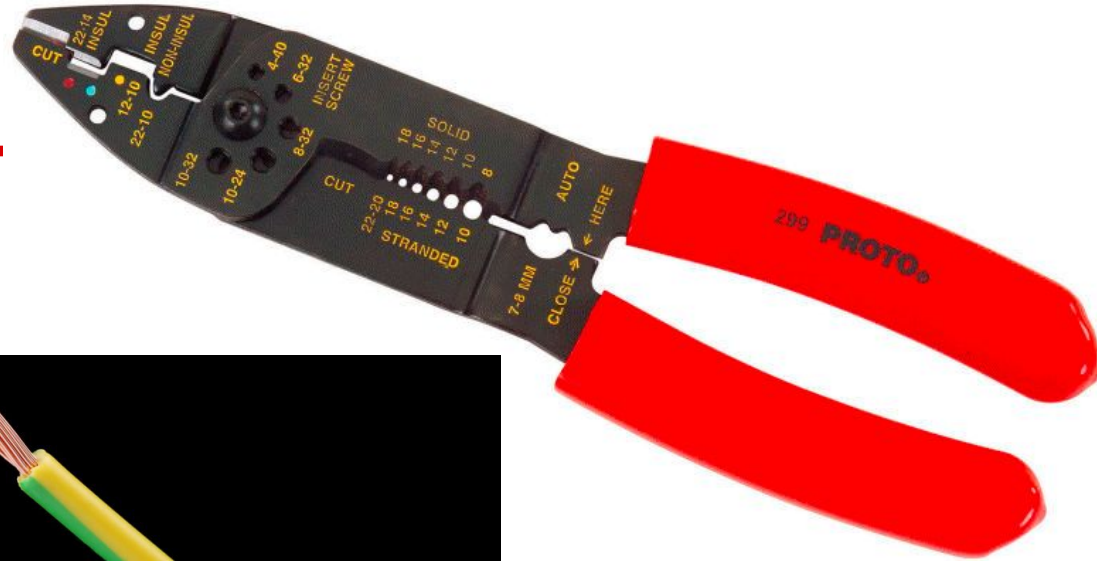
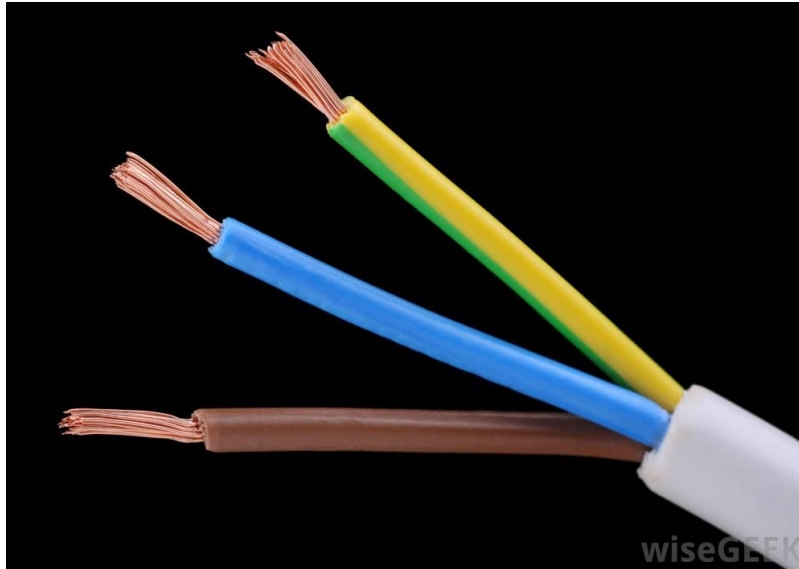
Wago

Help connect wires to the power distribution board (PDB)



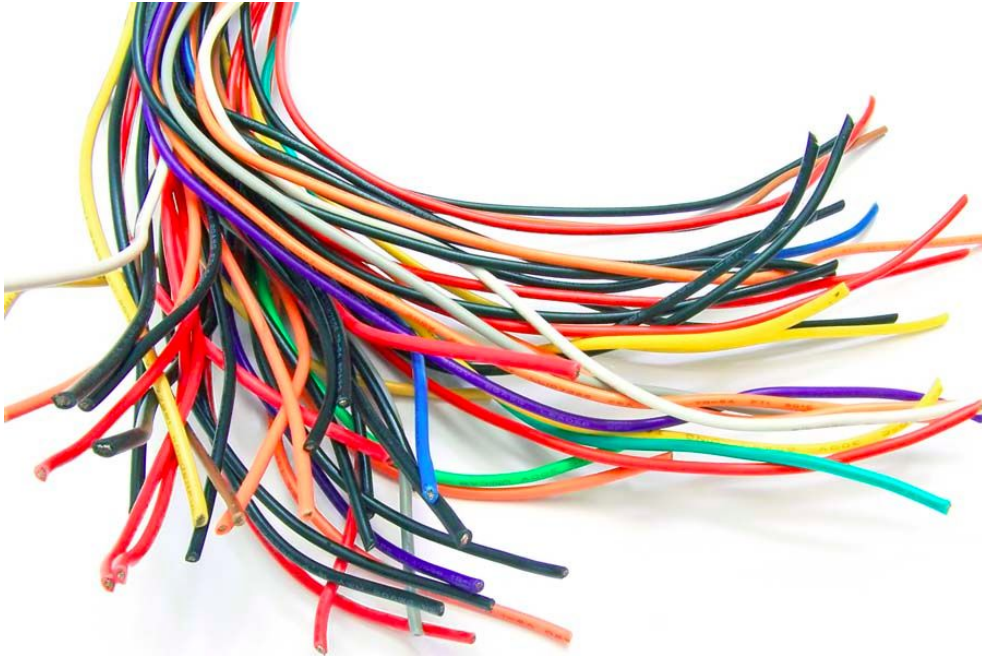
Wire Stripper

Removes
insulation
(rubber
outer
layer)
from
wire



Wire cutter

Cuts the wire



Crimp

- Connects two separate wires
 - "Male" vs "female"



- Attaches the end of a wire to an electrical component



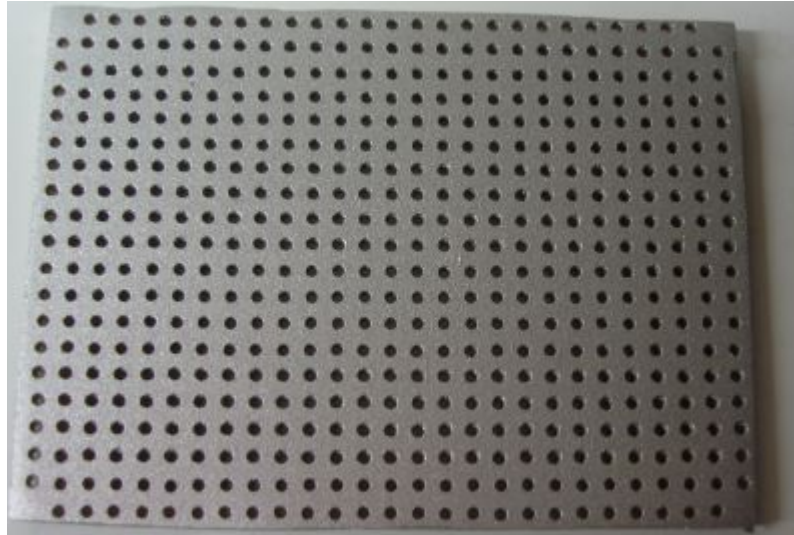
Wire Crimper

Secures the crimp to the wire



Zip Tie

Secures electronic components on the electronic board (or perfboard)



Electrical Tape

Insulates electrical wires and components

